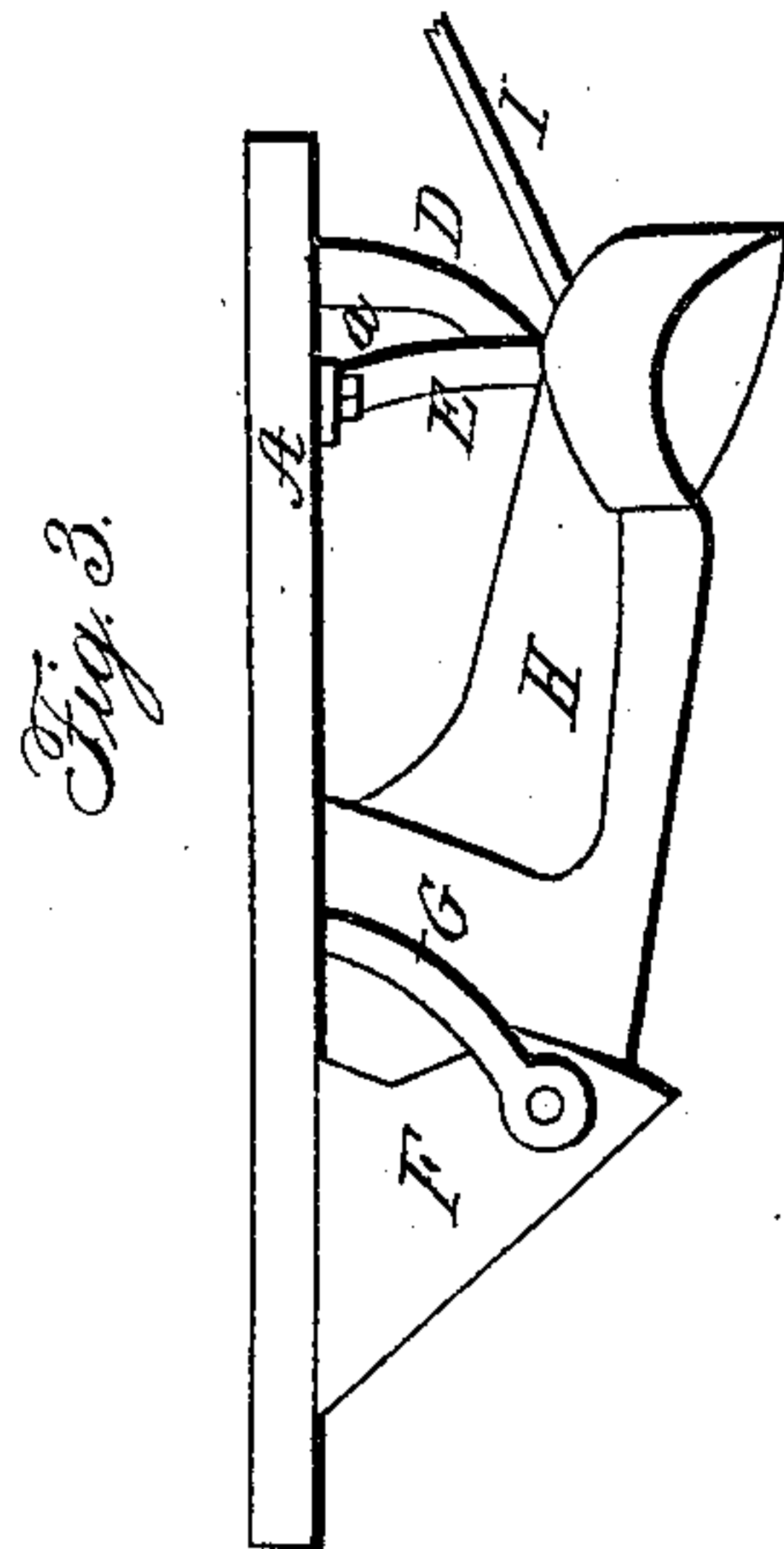
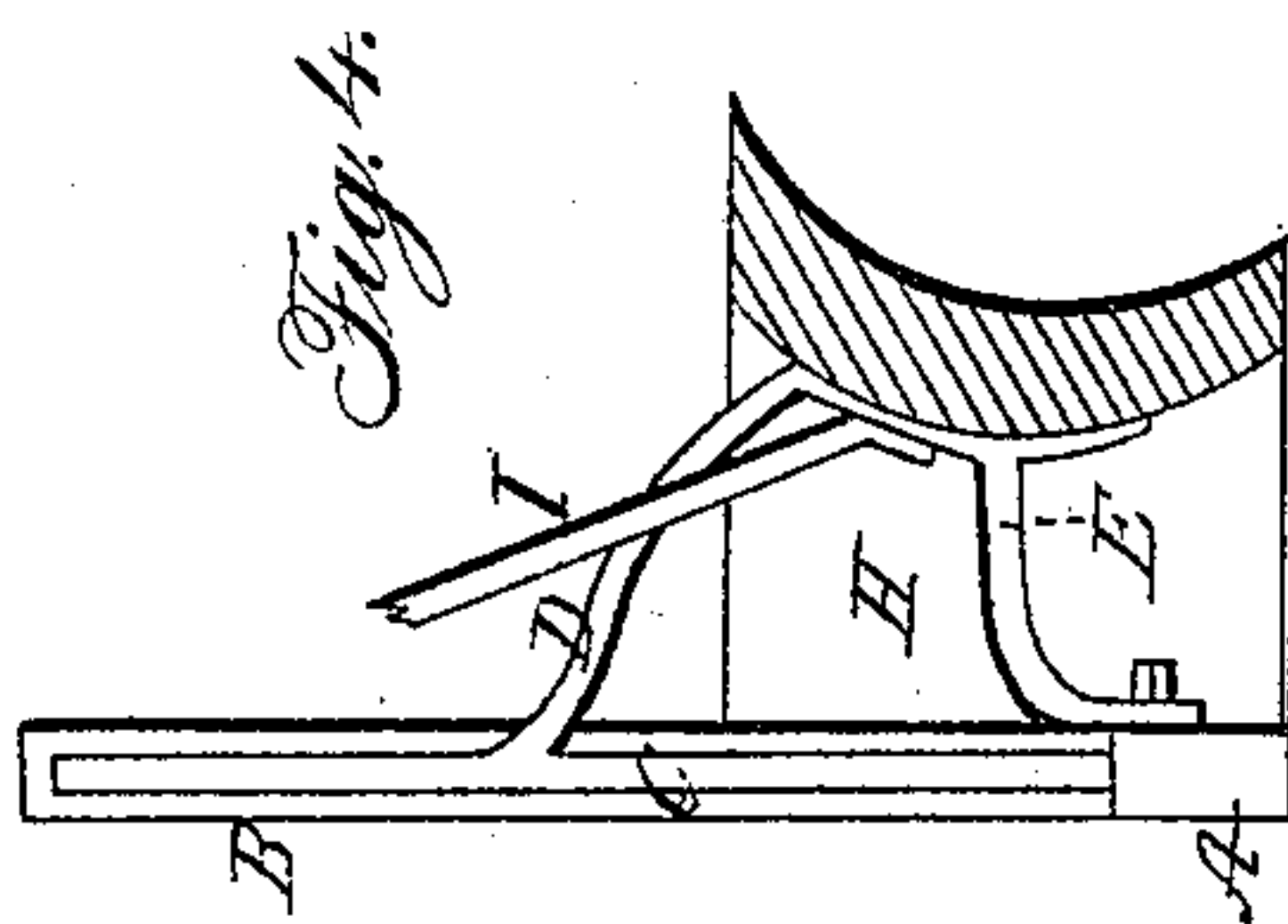
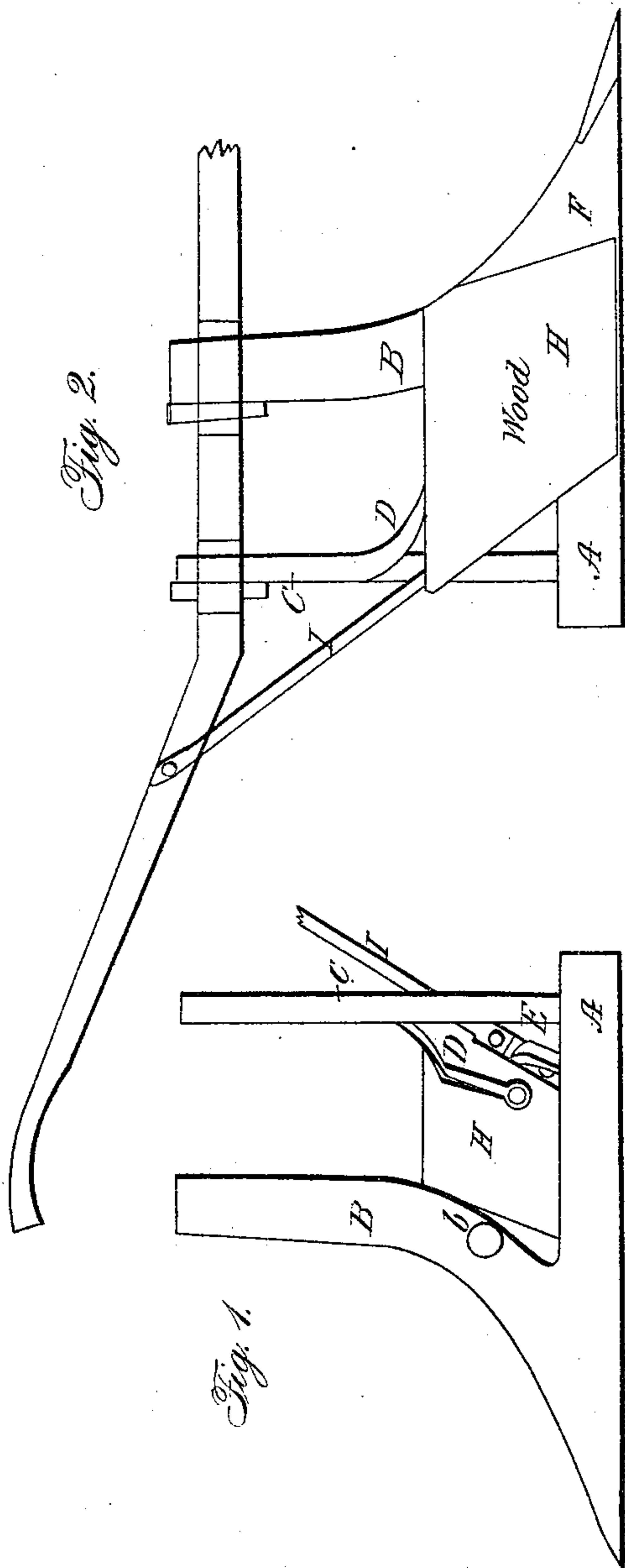


J. T. TOWNSEND.

Plow.

No. 26,133.

Patented Nov. 15, 1859.



Witnesses:

Chas. B. Lewis
Ben C. Hardin

Inventor:

Jno. T. Townsend

UNITED STATES PATENT OFFICE.

J. T. TOWNSEND, OF BRENHAM, TEXAS.

IMPROVEMENT IN PLOWS.

Specification forming part of Letters Patent No. **26,133**, dated November 15, 1859.

To all whom it may concern:

Be it known that I, JOHN T. TOWNSEND, of Brenham, in the county of Washington and State of Texas, have invented a new and useful Improvement in Plows; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figures 1 and 2 are side views of my invention; Fig. 3, an inverted plan of the same. Fig. 4 is a back view of the same.

Similar letters of reference indicate corresponding parts in the several figures.

This invention consists in a peculiar arrangement and combination of braces, landside, mold-board, and standards, substantially as herein-after described, whereby said parts may be attached to iron beams and a very durable and efficient implement obtained.

To enable those skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A represents the landside of the plow, and B is the standard at its front part, said standard being a rectangular bar and slightly curved at its lower part, at its junction with the landside, as shown clearly in Fig. 1. At the back part of the landside A there is an opening or mortise to receive the lower end of a standard or upright, C. This standard or upright C has a curved arm, D, projecting from it, and to the back part of the inner side of the landside a curved arm or brace, E, is attached by a bolt, *a*.

To the front part of the landside A the share F is attached, said share extending upward a short distance on the standard B and permanently secured to it. The landside, standards, and share are all of metal.

G is a cross-bar, which extends from the un-

der side of the share F to the landside, and H is the mold-board, constructed of wood, of the usual curved form. The front end of the mold-board is fitted underneath the share F and rests on the cross-bar G, and the front part of the mold-board extends over to the landside A, and abuts against the standard B and landside, and is secured thereto by a screw, *b*. The front part of the mold-board is formed with shoulders to abut against the cross-bar G and the back edge of the share F.

The curved arm D of the standard or upright C is attached at its outer end to the inner side of the mold-board, as also is the outer end of the arm or brace E.

To the back part of the mold-board a brace, I, is attached, and this brace extends backward sufficiently to be attached to one of the handles near its junction with the plow-beam. The upper ends of the standards B C are secured to the plow-beam by being keyed in sockets, as shown in red, Fig. 2. By this arrangement the plow may be secured firmly to a metal beam, and the difficulty hitherto attending metal-beam plows obviated, for by my invention all the parts are firmly braced and rendered secure, and at the same time a requisite degree of lightness is obtained.

I do not claim separately any of the within-described parts; but

I do claim as new and desire to secure by Letters Patent—

The arrangement and combination of the landside A, standards B C, mold-board H, share F, braces or arms D E I, and cross-bar G, substantially as and for the purpose set forth.

JNO. T. TOWNSEND.

Witnesses:

CHAS. B. LEWIS,
BEN. C. HARDIN.